



PATENT
10006598-1

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TJH/ptc
3-28-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Giere et al.

Serial No. 09/876,506

Filed: 06/06/2001

For: BARRIER/ORIFICE DESIGN
FOR IMPROVED PRINthead
PERFORMANCE

Art Unit: 2853

Examiner: Nguyen, L.S.

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RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed November 13, 2002,
kindly amend the application as follows:

IN THE CLAIMS

Cancel Claims 37 and 39 without prejudice or disclaimer of the subject
matter recited therein.

1. (Amended) A fluid ejecting printhead, comprising:
a substrate having a surface;
a columnar group of drop generators formed on the surface that are
arranged into subgroups each comprising at least two drop generators, each
subgroup being fluidically isolated from other subgroups on the surface; and
printhead electronics that provide firing pulses to the drop generators
such that no two drop generators in the same subgroup are activated in
sequence.

12. (Amended) A system for delivering fluid, comprising:
a printhead substrate having a surface on which is formed a columnar
group of drop generators that are arranged into subgroups, each of the